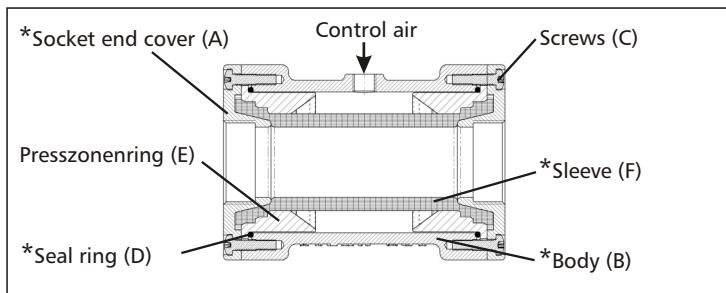


Assembly instruction for AKO pinch valve (socket type) Series VMP DN 10 to 50 mm



Removing the old sleeve

Position the valve with screws (C) at the top and hold it from the side tightly. Unscrew the screws with a ratchet (Bit-Torx 30). To avoid tension on the valve, ensure loosening of the screws from adjacent sides, then turn the valve through 180 degrees and unscrew the other screws in the same way. Afterwards remove both socket end covers (A) from the body (B) unit, if necessary use a slot screwdriver (4,5mm wide). Now push the old sleeve (F) out of the body (B) through the presszonerings (E), this can be made easier by using the AKO-mounting paste (MP200) in-between the sleeve (F) and the presszonerings (E). Now clean all single valve parts and check them for damage, particularly the seal rings (D) and the socket end covers (E) for wear, if necessary replace them.

-- The Body (B) has to be replaced after 4 times assembling/ re-sleeving --

Installation of the new sleeve

Picture 1) Put the seal ring (D) over the presszonering (E) up to the destined channel, repeat with second presszonering (E) and seal ring (D).

Picture 2) Now insert both presszonerings (E) with seal rings (B) into the body (B).

Picture 3) Lubricate both outside ends of the sleeve (F) with a bit of AKO-mounting paste (MP200).

Then push the sleeve (F) through the presszonerings (E) into the body (B) so that the ends of the sleeve (F) are equal distance overlapping the end of the body (B).

Picture 4) Lubricate both inside ends of the sleeve (F) and the cone surface of the socket end cover (A) with a bit of AKO-mounting paste (MP200).

Picture 5) Position the valve with one hand and hold it tightly from the side, then place the socket end cover (A) with the other hand by slightly angling one side into the sleeve (F) and push the socket end cover (A) in.

Picture 6) Now adjust the screw holes of the socket end cover (A) so they are aligned with the holes of the body (B), then insert the screws (C) with the other hand into the holes.

Picture 7) Keep the socket end cover (A) compressed and tighten the screws with the ratchet (2 full turns).

Picture 8) After tightening all screws (2 full turns), there should be a space of approximately 4-7mm in-between the socket end cover (A) and the body (B), then turn the valve through 180 degrees and position it again ready for assembling.

Picture 9) Now mount the second socket end cover (A) the same way as described (pictures 4-7), but tighten this socket end cover (A) completely. **Caution!** Do not over tighten (maximum torque 4,5 Newton meter), do not exceed. After mounting, screwing and checking the second socket end cover (A) turn the valve unit through 180 degrees, position it and tighten the screws of the first mounted socket end cover (A) completely. Afterwards check all screws (C) for correct torque.

Picture 10) Finished and completed re-sleeve of VMP valve.

*Replacement-/ Maintenance parts:

Sleeve (F), seal ring (D), socket end cover (A) and Body (B).

Assembly tool: AKO mounting paste MP200



Picture 1



Picture 2



Picture 3



Picture 4



Picture 5



Picture 6



Picture 7



Picture 8



Picture 9



Picture 10